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Page 1 of 15

**Urgent**

**Confidential**

**Date: October 28, 2004**

**To:**  
Examiner: Shane F. Gerstl  
USPTO

**Fax:**  
(703) 872-9306

**Art Unit:**  
2183

**From:**  
Crystal D. Sayles

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703-633-3303

**M/S:**

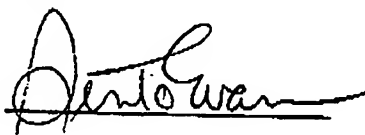
**Subject: Run-Ahead Program Execution With Value Prediction**  
**Application No.: 10/017,793; Inventor: Wu et al.**  
**Filed: 12/12/2001 Docket No. 042390.P12589**  
**(as amended)**

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Serita Evans

Date: 10/28/04



**Included in this transmission:**  
Fax Cover Sheet (1 page)  
Transmittal Form (1 page)  
Amendment and Response (12 pages)  
Request for a Change of Attorney Docket Number (1 page)

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10017,793	
	Filing Date	December 12, 2001	
	First Named Inventor	YOUNG WU	
	Art Unit	2183	
	Examiner Name	Shane F. GERSTL	
Total Number of Pages in This Submission	16	Attorney Docket Number	042590.P12589, as amended

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TO (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fax Cover Sheet Request for a Change of Attorney Docket Number
Remarks		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Crystal D. Soyles, Reg. No. 44,318 Intel Americas, Inc.	
Signature	<i>Crystal D. Soyles</i>	
Date	Oct. 28, 2004	

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Typed or printed name	Serita Evans	
Signature	<i>Serita Evans</i>	Date
		Oct. 28, 2004

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.: 10/017,793 Confirmation No. 9134  
Inventor: Wu *et al.*  
Filed: December 12, 2001  
Art Unit: 2183 VIA FAX (703) 872-9306  
Examiner: Gerstl, Shane F.  
Attorney Docket No.: 042390.P12589 (as amended)  
Customer No.: 25694  
For: Run-Ahead Program Execution With Value Prediction

Amendment & Response

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated July 28, 2004, Applicant submits the following Amendment and Remarks. *Amendments to the Claims* are reflected in the listing of claims which begins on page 2 of this Response. *Remarks* begin on page 6 of this Response.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore are hereby authorized to be charged to Deposit Account No. 50-0221.